

AGILENT TECHNOLOGIES, INC.
Legal Department, DL429
Intellectual Property Administration
P. O. Box 7599
Loveland, Colorado 80537-0599

PATENT APPLICATION
ATTORNEY DOCKET NO. 10020434-1

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Arthur Fong, et al.

DEC 22 2003
JC11
PATENTS TRADEMARK OFFICE

Serial No.: 10/630,172

Examiner: unknown

Filing Date: 07/30/2003

Group Art Unit: 2832

Title: Preventing Corrosion Degradation In A Fluid-Based Switch

COMMISSIONER FOR PATENTS
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- () under 37 CFR 1.97(c) together with either a:
() Statement under 37 CFR 1.97(e), or
() a \$180.00 Processing fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
() Statement under 37 CFR 1.97(e), and
() a \$180.00 processing fee under 37 CFR 1.17(p).

(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account 50-1078 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 50-1078 pursuant to 37 CFR 1.25.

() Applicant(s) submit herewith Form PTO 1449. References identified with an asterisk (*) were disclosed in Patent Application No. _____ filed _____, now U. S. Patent No. _____, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: December 16, 2003

Typed Name: Patricia Kennedy

Signature: Patricia Kennedy

Respectfully submitted,

Arthur Fong, et al.

By Kyle J. Way
Kyle J. Way

Attorney/Agent for Applicant(s)
Reg. No. 45,549

Date: 12/15/03

Telephone No.: (970) 679-3238



PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449

**LIST OF PATENTS AND PUBLICA^{TION}
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

SERIAL NO.

10020434-1

Arthur Fong, et al.

FILING DATE

07/30/2003

GROUP

2832

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | NAME | TRANSLATION | |
|--|--|-----------------|--------------|----------------------|-------------|----|
| | | | | | YES | NO |
| | | JP8-125487 | May 17, 1996 | Kinseki | | x |
| | | JP9-161640 | Jun 20, 1997 | Buuiyan Chiyo, et al | | x |
| | | JP62-276838 | Dec 1, 1987 | unknown | | x |
| | | JP36-18575 | Oct 6, 1961 | unknown | | x |
| | | SHO47-21645 | Oct 4, 1972 | Kunio Ono | x | |

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

Kim, Joonwon, et al., "A Micromechanical Switch With Electrostatically Driven Liquid-Metal Droplet", Sensors and Actuators, A: Physical v 97/98, April 1, 2002, 4 pages

EXAMINER

DATE CONSIDERED

* Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)



PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449

**LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

SERIAL NO.

10020434-1

10/630,172

APPLICANT

Arthur Fong, et al.

FILING DATE

GROUP

07-30-2003

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | NAME | TRANSLATION | |
|--|-----------------|--------------|---------|-------------|----|
| | | | | YES | NO |
| | WO99-46624 | Sep 16, 1999 | Bartels | X | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

| | | |
|--|--|--|
| | | |
| | | |
| | | |

EXAMINER _____ **DATE CONSIDERED** _____

* Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)



PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449

**LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

SERIAL NO.

10020434-1

Arthur Fong et al.

FILING DATE

07/30/2003

GROUP

2832

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | NAME | TRANSLATION | |
|--|--|-----------------|--------------|--------------------------------|-------------|----|
| | | | | | YES | NO |
| | | EP0593836 A1 | Apr 27, 1994 | IBM Corporation | x | |
| | | FR2418539 | Sep 21, 1979 | Orega Circuits & Communication | | x |
| | | FR2458138 | Dec 26, 1980 | Socapex | | x |
| | | FR2667396 | Apr 3, 1992 | Cathignol Dominique | | x |
| | | JP63-294317 | Dec 1, 1988 | unknown | | x |

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

| | |
|--|---|
| | TDB-ACC-NO: NB8406827, "Integral Power Resistors For Aluminum Substrate", IBM Technical Disclosure Bulletin, June 1984, US, Vol 27, Issue No. 1B, pg 827 |
| | Bhedwar, Homi C., et al., "Ceramic Multilayer Package Fabrication", Electronic Materials Handbook, November 1989, pp 460-469, Volume 1 Packaging, Section 4: Packages |
| | Simon, Jonathan, et al., "A Liquid-Filled Microrelay With a Moving Mercury Microdrop", Journal of Microelectromechanical Systems, September 1997, pp 208-216, Vol. 6, No. 3 |

* Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)